



Search for

Display

1 : O65607 . DNA MISMATCH REPAIR...[gi:3914062]

Related Sequences

LOCUS MSH3_ARATH 1076 aa PLN 15-DEC-1998
 DEFINITION DNA MISMATCH REPAIR PROTEIN MSH3.
 ACCESSION O65607
 PID g3914062
 VERSION O65607 GI:3914062
 DBSOURCE swissprot: locus MSH3_ARATH, accession O65607;
 class: standard.
 created: Dec 15, 1998.
 sequence updated: Dec 15, 1998.
 annotation updated: Dec 15, 1998.
 xrefs: gi: 5596409, gi: 2980796
 xrefs (non-sequence databases): PFAM PF00488
 KEYWORDS DNA repair; ATP-binding; DNA-binding.
 SOURCE thale cress.
 ORGANISM Arabidopsis thaliana
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophy
 euphyllphytes; Spermatophyta; Magnoliophyta; eudicotyledons; c
 eudicots; Rosidae; eurosids II; Brassicales; Brassicaceae;
 Arabidopsis.
 REFERENCE 1 (residues 1 to 1076)
 AUTHORS BEVAN,M., BARGUES,M., PEREZ-PEREZ,A., TEROL,J., TORRES,A.,
 PEREZ-ALONSO,M., HOHEISEL,J., MEWES,H.-W., MAYER,K. and
 SCHUELLER,C.
 TITLE Direct Submission
 JOURNAL Submitted (??-MAR-1998) to the EMBL/GenBank/DDBJ databases
 REMARK SEQUENCE FROM N.A.
 STRAIN=CV. COLUMBIA

COMMENT -----
 This SWISS-PROT entry is copyright. It is produced through a
 collaboration between the Swiss Institute of Bioinformatics and
 the EMBL outstation - the European Bioinformatics Institute.
 The original entry is available from <http://www.expasy.ch/sprot>
 and <http://www.ebi.ac.uk/sprot>

[FUNCTION] NOT KNOWN. PROBABLE DNA-REPAIR PROTEIN.
 [SIMILARITY] BELONGS TO DNA MISMATCH REPAIR MUTS FAMILY.

FEATURES Location/Qualifiers
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 Protein 1..1076
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 Site 830..837
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 /note="ATP (POTENTIAL)."

ORIGIN

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Revised: January 10, 2000.

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ID ATM7J2 standard; DNA; PLN; 80386 BP.
 XX
 AC AL022197;
 XX
 SV AL022197.2
 XX
 DT 18-MAR-1998 (Rel. 55, Created)
 DT 23-JUL-1999 (Rel. 60, Last updated, Version 5)
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 DE Arabidopsis thaliana DNA chromosome 4, P1 clone M7J2 (ESSA project)
 XX
 KW .
 XX
 OS Arabidopsis thaliana (thale cress)
 OC Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 OC euphyllophytes; Spermatophyta; Magnoliophyta; eudicotyledons;
 OC core eudicots; Rosidae; eurosids II; Brassicales; Brassicaceae;
 OC Arabidopsis.
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 RN [1]
 RA Bevan M., BARGUES M., Perez-Perez A., Terol J., Torres A., Perez-Alonso M.,
 RA Hoheisel J., Mewes H.W., Mayer K.F.X., Lemcke K., Schueller C.;
 RT ;
 RL Unpublished.
 XX
 RN [2]
 RP 1-80386
 RA EU Arabidopsis sequencing project;
 RT ;
 RL Submitted (23-JUL-1999) to the EMBL/GenBank/DDBJ databases.
 RL MIPS, at the Max-Planck-Institut fuer Biochemie, Am Klopferspitz 18a,
 RL D-82152 Martinsried, FRG, E-mail:
 RL schuelle@mips.biochem.mpg.de,mayer@mips.biochem.mpg.de Project Coordinator:
 RL Mike Bevan, Molecular Genetics Department, Cambridge Laboratory, John Innes
 RL Centre, Colney Lane, NR4 7UJ Norwich, UK, E-mail: michael.bevan@bbsrc.ac.uk
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 DR Demeter; AL022197; AL022197.
 DR MENDEL; 29149; Arath;2296;29149.
 DR MENDEL; 29151; Arath;1345;29151.
 DR MENDEL; 29155; Arath;2475;29155.
 DR MENDEL; 29156; Arath;2475;29156.
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 DR MENDEL; 29813; Arath;3324;29813.
 DR MENDEL; 29815; Arath;1044;29815.
 DR SPTREMBL; Q65600; Q65600.
 DR SPTREMBL; Q65601; Q65601.
 DR SPTREMBL; Q65602; Q65602.
 DR SPTREMBL; Q65603; Q65603.
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 DR SPTREMBL; Q65616; Q65616.
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 DR SPTREMBL; Q65618; Q65618.
 DR SWISS-PROT; Q65607; MSH3_ARATH.
 DR SWISS-PROT; P92965; RS40_ARATH.
 XX
 CC Information on performance of analysis and a more detailed annotation
 CC of this entry and other sequences of chromosomes 3, 4 and 5 can be

viewed at: <http://www.mips.biochem.mpg.de/proj/thal/>

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